

5

**ABSTRACT**

A system and method that provides for injection control of a liquid additive in a liquid dispensation system. Included as part of the system is a controller device configured to generate one set of control signals for initiating and terminating liquid dispensation to one or more areas while simultaneously generating at least one second control signal which controls the injection rate of a liquid additive to the liquid being dispense. The liquid dispensation rate may be controlled according to a number of criteria, which are received from an external source from the controller or retrieved from an internal memory. The system may be further configured such that the dispensation rate is modified according to a detected condition.